



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)



CONFIRMATION NO. 3600

Bib Data Sheet

|                             |  |              |                        |                                       |
|-----------------------------|--|--------------|------------------------|---------------------------------------|
| SERIAL NUMBER<br>10/719,377 | FILING OR 371(c)<br>DATE<br>11/21/2003<br>RULE | CLASS<br>455 | GROUP ART UNIT<br>2617 | ATTORNEY<br>DOCKET NO.<br>OCTASIC-001 |
|-----------------------------|--|--------------|------------------------|---------------------------------------|

## APPLICANTS

Thomas Jefferson Awad, Kirkland, CANADA;  
 Martin Laurence, Montreal, CANADA;  
 Pascal Marcel Gervais, Montreal, CANADA;

\*\* CONTINUING DATA \*\*\*\*\* N0

\*\* FOREIGN APPLICATIONS \*\*\*\*\* N0

IF REQUIRED, FOREIGN FILING LICENSE GRANTED\*\* SMALL ENTITY \*\*  
 \*\* 02/19/2004

|                                 |   |                               |                         |                       |                            |
|---------------------------------|---|-------------------------------|-------------------------|-----------------------|----------------------------|
| Foreign Priority claimed        | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no   | STATE OR<br>COUNTRY<br>CANADA | SHEETS<br>DRAWING<br>10 | TOTAL<br>CLAIMS<br>48 | INDEPENDENT<br>CLAIMS<br>6 |
| 35 USC 119 (a-d) conditions met | <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after<br>Allowance |                               |                         |                       |                            |
| Verified and<br>Acknowledged    | <i>dark</i><br>Examiner's Signature   | <i>DCL</i><br>Initials        |                         |                       |                            |

## ADDRESS

AIR MAIL

28291

## TITLE

Method and apparatus for reducing echo in a communication system

|                               |   |   |
|-------------------------------|---|---|
| FILING FEE<br>RECEIVED<br>766 | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other<br><input type="checkbox"/> Credit |
|-------------------------------|---|---|